

|   |  |  |  |                        |                     |  |
|---|--|--|--|------------------------|---------------------|--|
| <b>Issue Classification</b>   |  |  |  | <b>Application No.</b> | <b>Applicant(s)</b> |  |
|  |  |  |  | 09/974,808             | YAMADA ET AL.       |  |
|   |  |  |  | Examiner               | Art Unit            |  |
|   |  |  |  | William M. Brewster    | 2823                |  |

| <b>ISSUE CLASSIFICATION</b>                                 |                 |  |  |
|---|-----------------|--|--|
| <b>ORIGINAL</b>   |                 | <b>CROSS REFERENCE(S)</b>                                    |  |
| <b>CLASS</b>  | <b>SUBCLASS</b> | <b>CLASS</b>   | <b>SUBCLASS (ONE SUBCLASS PER BLOCK)</b> |
| 257   | 763             | 774  | 775                                      |
| <b>INTERNATIONAL CLASSIFICATION</b>                         |                 |  |  |
| H 0 1 L   | 23/48           |  |  |
| H 0 1 L   | 23/52           |  |  |
| H 0 1 L   | 29/40           |  |  |
|   | /               |  |  |
|   | /               |  |  |
| <hr/>   |                 | <b>Total Claims Allowed: 9</b>                               |  |
| (Assistant Examiner) (Date)                                 |                 | William M. Brewster<br>2 APR 05<br>(Primary Examiner) (Date) |  |
| Amy R. Smith 4/28/04<br>(Legal Instruments Examiner) (Date) |                 | O.G.<br>Print Claim(s)<br>1                                  | O.G.<br>Print Fig.<br>6C                 |

| <input type="checkbox"/> Claims renumbered in the same order as presented by applicant |          | <input type="checkbox"/> CPA |          | <input type="checkbox"/> T.D. |          | <input type="checkbox"/> R.1.47 |          |
|--|----------|------------------------------|----------|-------------------------------|----------|---------------------------------|----------|
| Final  | Original | Final                        | Original | Final                         | Original | Final                           | Original |
| 1  | 1        | 31                           | 61       | 91                            | 121      | 151                             | 181      |
|  | 2        | 32                           | 62       | 92                            | 122      | 152                             | 182      |
| 2  | 3        | 33                           | 63       | 93                            | 123      | 153                             | 183      |
| 3  | 4        | 34                           | 64       | 94                            | 124      | 154                             | 184      |
| 4  | 5        | 35                           | 65       | 95                            | 125      | 155                             | 185      |
| 5  | 6        | 36                           | 66       | 96                            | 126      | 156                             | 186      |
|  | 7        | 37                           | 67       | 97                            | 127      | 157                             | 187      |
| 7  | 8        | 38                           | 68       | 98                            | 128      | 158                             | 188      |
| 8  | 9        | 39                           | 69       | 99                            | 129      | 159                             | 189      |
| 9  | 10       | 40                           | 70       | 100                           | 130      | 160                             | 190      |
|  | 11       | 41                           | 71       | 101                           | 131      | 161                             | 191      |
| 12   |          | 42                           | 72       | 102                           | 132      | 162                             | 192      |
| 13   |          | 43                           | 73       | 103                           | 133      | 163                             | 193      |
| 14   |          | 44                           | 74       | 104                           | 134      | 164                             | 194      |
| 15   |          | 45                           | 75       | 105                           | 135      | 165                             | 195      |
| 16   |          | 46                           | 76       | 106                           | 136      | 166                             | 196      |
| 17   |          | 47                           | 77       | 107                           | 137      | 167                             | 197      |
| 18   |          | 48                           | 78       | 108                           | 138      | 168                             | 198      |
| 19   |          | 49                           | 79       | 109                           | 139      | 169                             | 199      |
| 20   |          | 50                           | 80       | 110                           | 140      | 170                             | 200      |
| 21   |          | 51                           | 81       | 111                           | 141      | 171                             | 201      |
| 22   |          | 52                           | 82       | 112                           | 142      | 172                             | 202      |
| 23   |          | 53                           | 83       | 113                           | 143      | 173                             | 203      |
| 24   |          | 54                           | 84       | 114                           | 144      | 174                             | 204      |
| 25   |          | 55                           | 85       | 115                           | 145      | 175                             | 205      |
| 26   |          | 56                           | 86       | 116                           | 146      | 176                             | 206      |
| 27   |          | 57                           | 87       | 117                           | 147      | 177                             | 207      |
| 28   |          | 58                           | 88       | 118                           | 148      | 178                             | 208      |
| 29   |          | 59                           | 89       | 119                           | 149      | 179                             | 209      |
| 30   |          | 60                           | 90       | 120                           | 150      | 180                             | 210      |

|   |  |  |  |                     |               |  |
|---|--|--|--|---------------------|---------------|--|
| <b>Issue Classification</b>   |  |  |  | Application No.     | Applicant(s)  |  |
|  |  |  |  | 09/974,808          | YAMADA ET AL. |  |
|   |  |  |  | Examiner            | Art Unit      |  |
|   |  |  |  | William M. Brewster | 2823          |  |

| ORIGINAL                            |          |       |                                   | CROSS REFERENCE(S)  |  |  |                         |    |  |                        |
|-------------------------------------|----------|-------|-----------------------------------|---|--|--|-------------------------|----|--|------------------------|
| CLASS                               | SUBCLASS | CLASS | SUBCLASS (ONE SUBCLASS PER BLOCK) |   |  |  |                         |    |  |                        |
| 257                                 | 763      | 774   | 775                               |   |  |  |                         |    |  |                        |
| INTERNATIONAL CLASSIFICATION        |          |       |                                   |   |  |  |                         |    |  |                        |
| H                                   | 0        | 1     | L                                 | 23/48   |  |  |                         |    |  |                        |
| H                                   | 0        | 1     | L                                 | 23/52   |  |  |                         |    |  |                        |
| H                                   | 0        | 1     | L                                 | 29/40   |  |  |                         |    |  |                        |
|                                     |          |       |                                   | /   |  |  |                         |    |  |                        |
|                                     |          |       |                                   | /   |  |  |                         |    |  |                        |
| (Assistant Examiner) (Date)         |          |       |                                   | <i>William M. Brewster</i><br>21 APR 87<br>(Primary Examiner) |  |  | Total Claims Allowed: 9 |    |  |                        |
| (Legal Instruments Examiner) (Date) |          |       |                                   |   |  |  |                         |    |  | O.G.<br>Print Claim(s) |
|                                     |          |       |                                   |   |  |  | 1                       | 6C |  |                        |

| <input type="checkbox"/> Claims renumbered in the same order as presented by applicant |          | <input type="checkbox"/> CPA |          | <input type="checkbox"/> T.D. |          | <input type="checkbox"/> R.1.47 |          |
|--|----------|------------------------------|----------|-------------------------------|----------|---------------------------------|----------|
| Final  | Original | Final                        | Original | Final                         | Original | Final                           | Original |
| 1  | 1        | 31                           | 61       | 91                            | 121      | 151                             | 181      |
|  | 2        | 32                           | 62       | 92                            | 122      | 152                             | 182      |
| 2  | 3        | 33                           | 63       | 93                            | 123      | 153                             | 183      |
| 3  | 4        | 34                           | 64       | 94                            | 124      | 154                             | 184      |
| 4  | 5        | 35                           | 65       | 95                            | 125      | 155                             | 185      |
| 5  | 6        | 36                           | 66       | 96                            | 126      | 156                             | 186      |
|  | 7        | 37                           | 67       | 97                            | 127      | 157                             | 187      |
| 7  | 8        | 38                           | 68       | 98                            | 128      | 158                             | 188      |
| 8  | 9        | 39                           | 69       | 99                            | 129      | 159                             | 189      |
| 9  | 10       | 40                           | 70       | 100                           | 130      | 160                             | 190      |
|  | 11       | 41                           | 71       | 101                           | 131      | 161                             | 191      |
| 11   | 12       | 42                           | 72       | 102                           | 132      | 162                             | 192      |
| 12   | 13       | 43                           | 73       | 103                           | 133      | 163                             | 193      |
| 13   | 14       | 44                           | 74       | 104                           | 134      | 164                             | 194      |
| 14   | 15       | 45                           | 75       | 105                           | 135      | 165                             | 195      |
| 15   | 16       | 46                           | 76       | 106                           | 136      | 166                             | 196      |
| 16   | 17       | 47                           | 77       | 107                           | 137      | 167                             | 197      |
| 17   | 18       | 48                           | 78       | 108                           | 138      | 168                             | 198      |
| 18   | 19       | 49                           | 79       | 109                           | 139      | 169                             | 199      |
| 19   | 20       | 50                           | 80       | 110                           | 140      | 170                             | 200      |
| 20   | 21       | 51                           | 81       | 111                           | 141      | 171                             | 201      |
| 21   | 22       | 52                           | 82       | 112                           | 142      | 172                             | 202      |
| 22   | 23       | 53                           | 83       | 113                           | 143      | 173                             | 203      |
| 23   | 24       | 54                           | 84       | 114                           | 144      | 174                             | 204      |
| 24   | 25       | 55                           | 85       | 115                           | 145      | 175                             | 205      |
| 25   | 26       | 56                           | 86       | 116                           | 146      | 176                             | 206      |
| 26   | 27       | 57                           | 87       | 117                           | 147      | 177                             | 207      |
| 27   | 28       | 58                           | 88       | 118                           | 148      | 178                             | 208      |
| 28   | 29       | 59                           | 89       | 119                           | 149      | 179                             | 209      |
| 29   | 30       | 60                           | 90       | 120                           | 150      | 180                             | 210      |